

ROUTING SLIP

DIVISION OF WILDLIFE REFUGES

DATE: 2-10-1941

MR. SALYER

MR. WOODIN

MR. ELMER

MRS. GARVIN

MR. DEMONT

SECTION OF HABITAT IMPROVEMENT:

Mr. J. J. J. J.

Mr. Smith

Mr. Griffith

Miss Cook

SECTION OF OPERATIONS:

Mr. Ball

Mr. Krummes

Mrs. Watkins

Mrs. Kricun

SECTION OF ERA:

Mr. Regan

Dr. Bourn

Mrs. Fishman

SECTION OF LAND MANAGEMENT:

Mr. E. J. E. J.

Mr. J. J. J. J.

STENOGRAPHERS:

Miss Price

Miss Whorley

SECTION OF STRUCTURES:

Mr. Taylor

Mr. Gustafson

REMARKS:

North Dakota Easements # 3 Quarterly
November 1940 - January 1941

Return to:

Cook

This is all there is to the
easement report. Gillette's
letter refers to the 1st and 2nd
letters. I have
lowered the number of letters
from 3 to 2. See
missing. See

J. J. J. J. J.
N. W.

acc

PA

PAH

J. J. J.

mc

J. J. J.

J. J. J.

W

500 National Building
Minneapolis, Minnesota

February 8, 1941

Director, Fish and Wildlife Service

Washington, D. C.

Dear Sir:

There is enclosed herewith the quarterly narrative report for the Lower Souris National Wildlife Refuge and North Dakota Easement Refuges, District #3, as submitted by Mr. C. J. Henry, Refuge Manager.

We find that this report is extremely well prepared and very interesting. Kindly note the comments which Mr. Henry makes relative to the rapidly approaching overpopulation of deer on the refuge, and also the approaching need for beaver control on this area. Definite recommendations will be provided at a later date relative to the control of these two species.

Very truly yours,

F. C. Gillett
Refuge Inspector

Enclosures

AND REFER TO
REGIONAL DIRECTOR
ADDRESS REPLY TO

DES MOINES, IOWA
501-A FEDERAL OFFICE BUILDING
OFFICE OF REGIONAL DIRECTOR
BUREAU OF BIOLOGICAL SURVEY

UNITED STATES DEPARTMENT OF AGRICULTURE



MISSOURI
IOWA
ATOSMINIM
REGION NO. 4

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF BIOLOGICAL SURVEY

OFFICE OF REGIONAL DIRECTOR
207-A FEDERAL OFFICE BUILDING
DES MOINES, IOWA

ADDRESS REPLY TO
REGIONAL DIRECTOR
AND REFER TO

REGION No. 4

MINNESOTA
IOWA
MISSOURI



Enclosures

Very truly yours,
D. C. Silliman

Very truly yours,

Copy of above and enclosure
being sent to the Bureau of Biological Survey for the con-
sideration of the Bureau of Biological Survey. The Bureau of Biological
Survey is requested to consider the above and enclosure and to
advise the Bureau of Biological Survey of the results of its
consideration. The Bureau of Biological Survey is requested to
advise the Bureau of Biological Survey of the results of its
consideration.

Very truly yours,
D. C. Silliman
Bureau of Biological Survey
Department of the Interior
Washington, D. C.

Very truly yours,

Very truly yours, D. C.

Very truly yours, Very truly yours, Very truly yours

Very truly yours, Very truly yours

Very truly yours, Very truly yours
Very truly yours, Very truly yours

NORTH DAKOTA EASEMENT REFUGES, DISTRICT #3
QUARTERLY NARRATIVE REPORT
NOVEMBER, DECEMBER, 1940, AND JANUARY, 1941.

United States Department of the Interior
Fish and Wildlife Service
Upham, North Dakota

2.12.41

There has been no change in the status of any of the easement refuges during the past quarter. Snowfall in the Rock Lake area has been fairly heavy and there is a good chance of getting some water in the refuges in that locality, i.e. Rock Lake Refuge, Brumba Lake Refuge, and Snyder Lake Refuge.

The only violation discovered on any of the easement refuges was the killing of a deer on the Willow Lake Refuge. This was discovered in November, and Patrolman Harry Jensen has been doing a little investigating ever since. It was not until February 3rd that he hit the right track, and from then on the case "broke" rapidly. As this is being written on February 4th, a complete report on the case is not yet possible. The deer was killed on the Willow Lake Refuge on November 10, 1940, by one Victor Lagerquist.

Respectfully submitted,

February 4, 1941


C. J. Henry
Refuge Manager



ROUTING SLIP

DIVISION OF WILDLIFE REFUGES

DATE: 11-16 1940☒ MR. SALYER☒ ~~MRS. WOODEN~~☒ ~~MR. FLOWER~~☐ MRS. GARVIN☒ ~~MR. DUMONT~~

SECTION OF HABITAT IMPROVEMENT:

☐ Mr. Kubichek☐ Mr. Smith☐ ~~Mr. Griffith~~☒ Miss Cook

SECTION OF OPERATIONS:

☒ ~~Mr. Ball~~☒ ~~Mr. Krummes~~☐ Mrs. Watkins☐ Mrs. Kricun

SECTION OF ERA:

☐ Mr. Regan☒ Dr. Bourn☐ Mrs. Fishman☒ SECTION OF LAND MANAGEMENT:☐ ~~Mr. D. F. S. S. S.~~☐ ~~Mr. Ackerman~~☒ STENOGRAPHERS:☐ Miss Price☐ Miss Wherley☒ SECTION OF STRUCTURES:☐ Mr. Taylor☐ ~~Mr. Gustafson~~

REMARKS:

North Dakota Game Warden
District # 3
August - October, 1940

Return to:

Cook

TRANSMITTED BY REGIONAL OFFICE
11-40-40

W.R.

SWC

NORTH DAKOTA EASEMENT REFUGES, DISTRICT #3

QUARTERLY NARRATIVE REPORT

AUGUST, SEPTEMBER, AND OCTOBER, 1940

United States Department of the Interior

Fish and Wildlife Service

Upham, North Dakota

INTRODUCTION

With one exception the easement refuges in this district are in poor to fair condition. Most of them held up fairly well, considering the lack of runoff last spring, and continued to hold water through the nesting and rearing season. During this past year Patrolman Jensen has been responsible for the easements east of the Lower Souris Refuge, while Patrolman Martinson has been responsible for those to the south.

SNYDER LAKE REFUGE

This lake still has a fair quantity of water in it and has been used by quite a number of birds during the fall flight. The dam is in good condition, and the boundary markers have been kept up fairly well.

BRUMBA LAKE REFUGE

Brumba Lake is very low but there is still some water in it. There have been fair numbers of birds on it from time to time. The dam is in good condition.

ROCK LAKE REFUGE

Rock Lake is still dry. The dams are in good condition, but the boundary markers are only fair. Boundary markers are very difficult to maintain on this refuge as they are very frequently damaged by stones and firearms.

SCHOOL-SECTION LAKE REFUGE

School-section Lake is quite low but it has held up surprisingly well during the year. There has been a splendid concentration of ducks on this refuge during the fall flight, there being even more here than on Willow Lake, the opposite of which is usually true.

WILLOW LAKE REFUGE

Willow Lake has dropped considerably during the summer and is now very low. There have been some fair numbers of ducks on the lake, but not nearly as many as usual, due undoubtedly to the low water levels. All structures are in good condition.

RABB LAKE REFUGE

Rabb Lake is also quite low and is so small that it is used by very few birds. Boundary markers are in good condition.

LORD'S LAKE REFUGE

This area is still dry.

WINTERING RIVER REFUGE

This area has been dry during the entire quarter.

CAMP LAKE REFUGE

The two lakes on this area have held up exceptionally well all summer. These lakes never do go down very much because they are fed by springs. There have been some very good concentrations of ducks here during the fall flight. In fact the principle value of this refuge is for a haven during the fall season. The dams and boundary markers are in good condition.

LAKE NETTIE REFUGE

This area is now entirely dry except for a few spring-fed spots along the eastern shore. The lake proper dried up in midsummer.

SHEYENNE LAKE REFUGE

Although this lake was in very fine shape in May it dried up in mid-September. This was quite a surprise as there appeared to be

plenty of water to last until freezeup. Boundary markers are in good condition.

COTTONWOOD LAKE REFUGE


Cottonwood Lake dried up some time during mid-September. This was a great surprise to us as there appeared to be plenty of water there yet in July. (See photo taken July 25, included in May-June-July report.)

The WPA project on that area terminated about the first of October. This included improvements to the bowl-type dam at the edge of the lake, a series of rubble-masonry check dams in the diversion ditch, and some class "A" riprap along parts of the ditch.

Boundary markers and all other structures on the refuge are now in good condition.

-oOo-

Respectfully submitted, 11/8/40


C. J. Henry,
Refuge Manager
Lower Souris Refuge



ROUTING SLIP

DIVISION OF WILDLIFE REFUGES

DATE: 8-9 1939 40MR. SALTER: JS ✓MR. ~~HOODIN~~: JS ✓MR. ~~ELMER~~: JSMISS GARRISON: JS ✓Mr. DuMont PAD ✓

SECTION OF HABITAT IMPROVEMENT:

~~Mr. Kubichek~~~~Mr. Smith~~ PNA~~Mr. Griffith~~ REG~~Miss Cook~~ mc

SECTION OF OPERATIONS:

~~Mr. Ball~~

Mrs. Watkins

Mrs. Kricun

Mr. Kricun JS

SECTION OF ERA:

~~Mr. Regan~~ JSR~~Dr. Bourn~~ WSB

Mr. Sommers

Miss Riley

SECTION OF LAND MANAGEMENT:

~~Mr. Barnshaw~~ JS~~Mr. Ackertnecht~~ wa

STENOGRAPHERS:

~~Miss Pries~~~~Miss Whiting~~ JSW

DIVISION FILES:

SECTION OF STRUCTURES:

Mr. Taylor JSW
Mr. Musty JSW

REMARKS:

North Dakota Easements Dist 3
Quarterly Report
May-July 1940Return to: Cook

M.P.
2002

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NORTH DAKOTA EASEMENT REFUGES, DISTRICT #3

QUARTERLY NARRATIVE REPORT

MAY, JUNE, AND JULY, 1940

United States Department of the Interior

Fish and Wildlife Service

Upham, North Dakota

INTRODUCTION

In general, the easement refuges in this district were in but slightly better condition this spring than they were last fall. The reason was the lack of snow during the past winter. Fortunately the summer has been quite cool, with frequent rainfall, and none of the areas have gone dry. Waterfowl production on a few of the easements has been fairly good, but for the most part not nearly as good as it will be with an adequate water supply. We have been unable to visit these refuges as frequently as we would like, and are, therefore, not nearly as well acquainted with conditions on them as on the Lower Souris.

SNYDER LAKE REFUGE

Although the lake is far from full it is believed that there is still plenty of water to carry through until the freezeup. The dam is in good condition. Some work was done on the replacing of damaged boundary markers and they are now in fairly good condition.

BRUMBA LAKE REFUGE

Brumba Lake is very low but there should be plenty of water to last until the ducks are on the wing, and it will probably last until winter. The dam is in good condition as are the boundary markers, some of which have been replaced this spring. Brumba lies in the same watershed as Snyder and just above it. Neither lake has much of a nesting population this year. Seventy-five pounds of prairie bulrush seed were planted in the Brumba Lake Refuge this spring. ✓

ROCK LAKE REFUGE

This refuge is still dry as it has been ever since we took it over. The dams are in good condition. The boundary markers last fall were in very poor condition, but the worst of the damage has now been repaired.

SCHOOL-SECTION LAKE REFUGE

School-section Lake is quite low but there should be plenty of water to carry through until freezeup. Damaged boundary markers were replaced this spring. One-hundred pounds of wild millet seed and one-hundred fifty pounds of prairie bulrush seed were planted here during May. There is a fairly good nesting population of ducks on the refuge this year.

WILLOW LAKE REFUGE

Willow Lake is still very low but there should be enough water to carry through until freezeup. Of all the lakes in the Turtle Mountains, Willow Lake seems to be the best suited for waterfowl. There is a good nesting population of ducks, including quite a number of goldeneyes. One-hundred pounds of wild millet seed were planted at Willow Lake in May. The cabin, buildings, and tower are in good condition. The tower was equipped with lightning rods in June, the work being done by refuge personnel, using salvaged materials entirely. Boundary markers were repaired this spring.

RABB LAKE REFUGE

The water in Rabb Lake is quite low and there are very few ducks on the area. The boundary markers are in good condition.

LORD'S LAKE REFUGE

Lord's Lake is still absolutely dry. This has been the case for quite a few years.

WINTERING RIVER REFUGE

This area had a little water in it this spring, although it is probably all gone by this time. The refuge manager made an attempt to reach this refuge on July 25 but a cloudburst prevented the attempt. Boundary markers were repaired this spring. The dams are in good condition.

CAMP LAKE REFUGE

The Camp Lake Refuge consists of two lakes, Camp Lake, and Strawberry Lake, which are joined together by a narrow channel. The water levels there

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were fairly high this spring and a floating bog in the south end of Strawberry Lake broke loose and floated into the resort section of the lake. This causes us considerable trouble as the residents stated that it was our fault because of the increased water levels. We gave some physical aid to control this nuisance but insisted that we were unable to give any financial aid. An attempt was made to anchor the island with heavy weights and old cable.

These are deep lakes and are spring-fed so that there is very little drop even during the driest years. On Strawberry Lake there is quite a summer resort with cabins, swimming, fishing, and boating. There is also considerable fishing and boating in Camp Lake, and neither of the lakes are very good for waterfowl production. The dams are in good condition and the boundary markers were repaired this spring.

LAKE NETTIE REFUGE

Although this lake has been dry for several years the rains this spring flooded the entire lake bed so that it was a beautiful sight in May. The water is, however, quite shallow and during our last visit it was becoming very low. There should be enough water to carry through the nesting season but there will probably not be enough to last up to the freezeup. Boundary markers were repaired this spring.

SHEYENNE LAKE REFUGE

Although this lake has been absolutely dry for about three years, the rains this spring put a fine quantity of water in it. The water has gone down considerably but there should still be enough to last until freezeup. There was a fairly good population of waterfowl on this refuge during this period. Boundary markers were repaired this spring.

COTTONWOOD LAKE REFUGE

Cottonwood Lake is quite low but there is plenty of water to last through the year. There is just a fair duck population on this refuge, but it is anticipated that its productiveness will increase, as cover conditions are improving rapidly.

We have a WPA project on the refuge at this time, and the work there is rapidly coming to an end. Improvements to the bowl-type dam on the edge of the lake have been completed. The work on the rubble-masonry check dams is coming along very well and should be finished in the very near future. The class "A" riprap in the diversion ditch has been pretty well taken care of, although there is still a little work there. If it is not necessary to close this project down for the harvest, it should be completed by the first of September.

In my last visit to this area the WPA foreman showed me a number of springs that had been opened up, each of which contribute a nice little flow to the lake (see photo). Boundary markers on the refuge were repaired this spring. One-hundred pounds of wild millet seed and seventy-five pounds of prairie bulrush seed were planted there in May.

Respectfully submitted,

August 3, 1940.

C. J. Henry
C. J. Henry
Refuge Manager
Lower Souris Refuge



The Cottonwood Lake Easement Refuge
(7/25/40, R-109-4 & 5)



WPA crew working on check dam on the
Cottonwood Lake Easement Refuge
(7/25/40, R-109-2)



Completed check-dam in the diversion
ditch into Cottonwood Lake
(7/25/40, R-109-3)



Flowing spring opened and developed by WPA crew on the Cottonwood Lake Easement Refuge. Several springs were so developed and fenced off to keep out livestock. The springs are located on the south side of the lake and flow into it. (7/25/40, R-109-1)